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NEWS 4 FEB 28 BABS - Current-awareness alerts (SDIs) available
NEWS 5 MAR 02 GBFULL: New full-text patent database on STN
NEWS 6 MAR 03 REGISTRY/ZREGISTRY - Sequence annotations enhanced
NEWS 7 MAR 03 MEDLINE file segment of TOXCENTER reloaded
NEWS 8 MAR 22 KOREAPAT now updated monthly; patent information enhanced
NEWS 9 MAR 22 Original IDE display format returns to REGISTRY/ZREGISTRY
NEWS 10 MAR 22 PATDPASPC - New patent database available
NEWS 11 MAR 22 REGISTRY/ZREGISTRY enhanced with experimental property tags
NEWS 12 APR 04 EPFULL enhanced with additional patent information and new
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NEWS 28 AUG 11 STN AnaVist workshops to be held in North America
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AND CURRENT DISCOVER FILE IS DATED 13 JUNE 2005

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```
=> s (cyclooxygenase 2 inhibitor?) and (COX 2)
L1      7913 (CYCLOOXYGENASE 2 INHIBITOR?) AND (COX 2)
```

```
=> s l1 and particul?
L2      1085 L1 AND PARTICUL?
```

```
=> s l2 and nm
L3          370 L2 AND NM
```

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=> s l3 and (tablets or capsule#)
L4      340 L3 AND (TABLETS OR CAPSULE#)
```

```
=> s l4 and (pain or analges?)
L5      293 L4 AND (PAIN OR ANALGES?)
```

=> s 15 and (celecoxib or deracoxib or valdecoxib or rofecoxib)
L6 93 L5 AND (CELECOXIB OR DERACOXIB OR VALDECOXIB OR ROFECOXIB)

=> s 16 and (buccal? or sublingual?)
L7 54 L6 AND (BUCCAL? OR SUBLINGUAL?)

=> s 17 and oral?
L8 54 L7 AND ORAL?

=> s 18 and (low solub?)
L9 18 L8 AND (LOW SOLUB?)

=> d 19 1-18 ibib abs

L9 ANSWER 1 OF 18 USPATFULL on STN

ACCESSION NUMBER: 2005:130738 USPATFULL
TITLE: Stabilized **oral** pharmaceutical composition
INVENTOR(S): Gao, Ping, Portage, MI, UNITED STATES
Huang, Tiehua, Kalamazoo, MI, UNITED STATES
Robins, Russell H., Portage, MI, UNITED STATES
Bauer, Juliane M., Portage, MI, UNITED STATES
Guido, Jane E., Vicksburg, MI, UNITED STATES
Brugger, Andrew M., Libertyville, IL, UNITED STATES
Karim, Aziz, Skokie, IL, UNITED STATES
Hassan, Fred, Peapack, NJ, UNITED STATES
Forbes, James C., Glenview, IL, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2005112197	A1	20050526
APPLICATION INFO.:	US 2004-969140	A1	20041020 (10)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 2002-119118, filed on 9 Apr 2002, ABANDONED		

	NUMBER	DATE
PRIORITY INFORMATION:	US 2001-284589P	20010417 (60)
	US 2002-357959P	20020219 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	PHARMACIA CORPORATION, GLOBAL PATENT DEPARTMENT, POST OFFICE BOX 1027, ST. LOUIS, MO, 63006, US	
NUMBER OF CLAIMS:	31	
EXEMPLARY CLAIM:	1	
LINE COUNT:	2122	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB An **orally** deliverable pharmaceutical composition is provided comprising an aminosulfonyl-comprising drug, for example a selective **cyclooxygenase-2 inhibitory** drug such as **celecoxib**, and a solvent liquid comprising a polyethylene glycol and one or more free radical-scavenging antioxidants. At least a substantial part of the drug is in dissolved form in the solvent liquid. The composition has rapid-onset properties and is useful in treatment of cyclooxygenase-2 mediated conditions and disorders.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L9 ANSWER 2 OF 18 USPATFULL on STN

ACCESSION NUMBER: 2004:334304 USPATFULL
TITLE: **Cyclooxygenase-2 inhibitor**
compositions having rapid onset of therapeutic effect
INVENTOR(S): Kararli, Tugrul T., Skokie, IL, UNITED STATES
Kontny, Mark J., Libertyville, IL, UNITED STATES

Desai, Subhash, Wilmette, IL, UNITED STATES
Hageman, Michael J., Portage, IL, UNITED STATES
Haskell, Royal J., Kalamazoo, MI, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2004265382	A1	20041230
APPLICATION INFO.:	US 2002-31898	A1	20020730 (10)
	WO 2000-US32434		20001206

	NUMBER	DATE
PRIORITY INFORMATION:	US 1999-169856P	19991209 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	Harness Dickey & Pierce, Suite 400, 7700 Bonhomme, St Louis, MO, 63105	
NUMBER OF CLAIMS:	16	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	3 Drawing Page(s)	
LINE COUNT:	1963	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Pharmaceutical compositions are provided comprising one or more orally deliverable dose units, each comprising a selective **cyclooxygenase-2 inhibitory** drug of low water solubility in a therapeutically effective amount, wherein the drug is present in the form of solid particle, about 25% to 100% by weight of which are smaller than 1 μ m. The compositions are useful in treatment or prophylaxis of cyclooxygenase-2 mediated conditions and disorders and have **particular** advantages where rapid onset of therapeutic effect is desired.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L9 ANSWER 3 OF 18 USPATFULL on STN

ACCESSION NUMBER: 2004:307964 USPATFULL

TITLE: Dual-release compositions of a **cyclooxygenase-2 inhibitor**

INVENTOR(S): Desai, Subhash, Wilmette, ISRAEL
Nadkarni, Sreekant R., Gurnee, IL, UNITED STATES
Wald, Randy J., Portage, MI, UNITED STATES
DeBrincat, Gary A., Battle Creek, MI, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2004242640	A1	20041202
APPLICATION INFO.:	US 2004-169039	A1	20040223 (10)
	WO 2000-US34754		20001220

	NUMBER	DATE
PRIORITY INFORMATION:	US 1999-171738P	19991222 (60)
	US 2000-181604P	20000210 (60)
	US 2000-202270P	20000505 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	PHARMACIA CORPORATION, GLOBAL PATENT DEPARTMENT, POST OFFICE BOX 1027, ST. LOUIS, MO, 63006	
NUMBER OF CLAIMS:	27	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	1 Drawing Page(s)	
LINE COUNT:	2233	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Pharmaceutical compositions are provided comprising one or more orally deliverable dose units, each comprising a selective **cyclooxygenase-2 inhibitory** drug of low water solubility, for example **celecoxib**, in an immediate-release fraction and a controlled-release, slow-release, programmed-release, timed-release, pulse-release, sustained-release or extended-release fraction. The compositions are useful in treatment or prophylaxis of cyclooxygenase-2 mediated conditions and disorders.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L9 ANSWER 4 OF 18 USPATFULL on STN

ACCESSION NUMBER: 2004:114794 USPATFULL
TITLE: Polymorphic crystalline forms of **celecoxib**
INVENTOR(S): Ferro, Leonard J., Highland Park, IL, UNITED STATES
Miyake, Patricia S., Tower Lakes, IL, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2004087640	A1	20040506
APPLICATION INFO.:	US 2000-728040	A1	20001201 (9)

	NUMBER	DATE
PRIORITY INFORMATION:	US 1999-169856P	19991209 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	James M. Warner, Pharmacia Corporation, 800 N. Lindbergh/O4E, St. Louis, MO, 63167	
NUMBER OF CLAIMS:	175	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	3 Drawing Page(s)	
LINE COUNT:	2199	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Pharmaceutical compositions are provided comprising one or more orally deliverable dose units, each comprising a selective **cyclooxygenase-2 inhibitory** compound of low water solubility in a therapeutically effective amount, wherein the compound is present in the form of solid particles, about 25% to 100% by weight of which are smaller than 1 mm. The compositions are useful in treatment or prophylaxis of cyclooxygenase-2 mediated conditions and disorders and have **particular** advantages where rapid onset of therapeutic effect is desired. The novel Form I and Form II crystalline forms of **celecoxib** are described. The crystalline forms have unique chemical and physical properties relative to other solid state forms of **celecoxib** and are characterized by their powder x-ray diffraction (PXRD) patterns, differential scanning calorimetric (DSC) thermograms, and other physical characterizations.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L9 ANSWER 5 OF 18 USPATFULL on STN

ACCESSION NUMBER: 2003:334720 USPATFULL
TITLE: Process for preparing a finely self-emulsifiable pharmaceutical composition
INVENTOR(S): Gao, Ping, Portage, MI, UNITED STATES
He, Xioarong, Portage, MI, UNITED STATES
Bolyard, Keith B., Otsego, MI, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003235596	A1	20031225
APPLICATION INFO.:	US 2003-408934	A1	20030407 (10)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2002-371200P	20020409 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	PHARMACIA CORPORATION, GLOBAL PATENT DEPARTMENT, POST OFFICE BOX 1027, ST. LOUIS, MO, 63006	
NUMBER OF CLAIMS:	24	
EXEMPLARY CLAIM:	1	
LINE COUNT:	2210	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB An **orally** deliverable pharmaceutical composition is provided comprising a drug of low water solubility and a solvent liquid that comprises at least one pharmaceutically acceptable solvent, at least one pharmaceutically acceptable fatty acid and at least one pharmaceutically acceptable organic amine, wherein (a) a substantial portion, for example at least about 15% by weight, of the drug is in dissolved or solubilized form in the solvent liquid, and (b) the fatty acid and the organic amine are present in total and relative amounts such that the composition is finely self-emulsifiable in simulated gastric fluid. A process for preparing such a composition is also provided.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L9 ANSWER 6 OF 18 USPATFULL on STN
 ACCESSION NUMBER: 2003:311893 USPATFULL
 TITLE: Sustained-release formulation of a
cyclooxygenase-2 inhibitor
 INVENTOR(S): Hedden, David B., Ann Arbor, MI, UNITED STATES
 Nadkarni, Sreekant, Gurnee, IL, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003219488	A1	20031127
APPLICATION INFO.:	US 2003-364055	A1	20030211 (10)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 2000-742906, filed on 20 Dec 2000, PENDING		

	NUMBER	DATE
PRIORITY INFORMATION:	US 1999-171738P	19991222 (60)
	US 2000-181635P	20000210 (60)
	US 2000-202269P	20000505 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	PHARMACIA CORPORATION, GLOBAL PATENT DEPARTMENT, POST OFFICE BOX 1027, ST. LOUIS, MO, 63006	
NUMBER OF CLAIMS:	20	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	5 Drawing Page(s)	
LINE COUNT:	1894	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB There is provided an **orally** deliverable pharmaceutical composition comprising a selective **cyclooxygenase-2 inhibitory** drug of low water solubility such as **celecoxib** and a release-extending polymer. The composition is useful in treatment of cyclooxygenase-2 mediated conditions and disorders by once-a-day administration.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L9 ANSWER 7 OF 18 USPATFULL on STN

ACCESSION NUMBER: 2003:158962 USPATFULL
TITLE: Stabilized **oral** suspension formulation
INVENTOR(S): Lu, Guang Wei, Ann Arbor, MI, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003108575	A1	20030612
APPLICATION INFO.:	US 2002-212308	A1	20020805 (10)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2001-310372P	20010806 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	Donald R. Holland, Harness, Dickey & Pierce, P.L.C, 7700 Bonhomme, Suite 400, St. Louis, MO, 63105	
NUMBER OF CLAIMS:	82	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	3 Drawing Page(s)	
LINE COUNT:	1616	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB **Orally** deliverable pharmaceutical compositions are provided comprising a drug of low water solubility suspended in an aqueous liquid vehicle comprising a wetting agent, a thixotropic thickening agent, and an inorganic suspending agent. The compositions are thixotropic, substantially deflocculated, and substantially physically stable.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L9 ANSWER 8 OF 18 USPATFULL on STN

ACCESSION NUMBER: 2003:153476 USPATFULL
TITLE: Stabilized **oral** pharmaceutical composition
INVENTOR(S): Gao, Ping, Portage, MI, UNITED STATES
Huang, Tiehua, Kalamazoo, MI, UNITED STATES
Robins, Russell H., Portage, MI, UNITED STATES
Bauer, Juliane M., Portage, MI, UNITED STATES
Guido, Jane E., Vicksburg, MI, UNITED STATES
Brugger, Andrew M., Libertyville, IL, UNITED STATES
Karim, Aziz, Skokie, IL, UNITED STATES
Hassan, Fred, Peapack, NJ, UNITED STATES
Forbes, James C., Glenview, IL, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003105144	A1	20030605
APPLICATION INFO.:	US 2002-119118	A1	20020409 (10)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2001-284589P	20010417 (60)
	US 2002-357959P	20020219 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	Pharmacia Corporation, Patent Department, 800 N. Lindbergh Boulevard-04E, St. Louis, MO, 63167	
NUMBER OF CLAIMS:	32	
EXEMPLARY CLAIM:	1	
LINE COUNT:	2152	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB An **orally** deliverable pharmaceutical composition is provided comprising an aminosulfonyl-comprising drug, for example a selective **cyclooxygenase-2 inhibitory** drug such as **celecoxib**, and a solvent liquid comprising a polyethylene glycol

and one or more free radical-scavenging antioxidants. At least a substantial part of the drug is in dissolved form in the solvent liquid. The composition has rapid-onset properties and is useful in treatment of cyclooxygenase-2 mediated conditions and disorders.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L9 ANSWER 9 OF 18 USPATFULL on STN

ACCESSION NUMBER: 2003:153473 USPATFULL
TITLE: Finely self-emulsifiable pharmaceutical composition
INVENTOR(S): Gao, Ping, Portage, MI, UNITED STATES
Karim, Aziz, Skokie, IL, UNITED STATES
Hassan, Fred, Peapack, NJ, UNITED STATES
Forbes, James C., Glenview, IL, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003105141	A1	20030605
APPLICATION INFO.:	US 2002-119129	A1	20020409 (10)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2001-284381P	20010417 (60)
	US 2001-326952P	20011004 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	Pharmacia Corporation, Patent Department, 800 N. Lindbergh Boulevard - 04E, St. Louis, MO, 63167	
NUMBER OF CLAIMS:	50	
EXEMPLARY CLAIM:	1	
LINE COUNT:	2309	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB An **orally** deliverable pharmaceutical composition is provided comprising a drug of low water solubility and a solvent liquid that comprises at least one pharmaceutically acceptable solvent, at least one pharmaceutically acceptable fatty acid and at least one pharmaceutically acceptable organic amine, wherein (a) a substantial portion, for example at least about 15% by weight, of the drug is in dissolved or solubilized form in the solvent liquid, and (b) the fatty acid and the organic amine are present in total and relative amounts such that the composition is finely self-emulsifiable in simulated gastric fluid.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L9 ANSWER 10 OF 18 USPATFULL on STN

ACCESSION NUMBER: 2003:92740 USPATFULL
TITLE: **Cyclooxygenase-2 inhibitor**
compositions having rapid onset of therapeutic effect
INVENTOR(S): Kararli, Tugrul T., Skokie, IL, UNITED STATES
Konrny, Mark J., Libertyville, IL, UNITED STATES
Desai, Subhash, Wilmette, IL, UNITED STATES
Hageman, Michael J., Portage, MI, UNITED STATES
Haskell, Royal J., Kalamazoo, MI, UNITED STATES
Hassan, Fred, Peapack, NJ, UNITED STATES
Forbes, James C., Glenview, IL, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003064098	A1	20030403
APPLICATION INFO.:	US 2001-874504	A1	20010605 (9)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 2000-731350, filed on 6 Dec 2000, PENDING		

	NUMBER	DATE
PRIORITY INFORMATION:	US 1999-169856P	19991209 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	Donald R Holland, Harness Dickey & Pierce, Suite 400, 7700 Bonhomme, Clayton, MO, 63105	
NUMBER OF CLAIMS:	58	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	4 Drawing Page(s)	
LINE COUNT:	2296	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Pharmaceutical compositions are provided comprising one or more orally deliverable dose units, each comprising a selective cyclooxygenase-2 inhibitory drug of low water solubility in a therapeutically effective amount, wherein the drug is present in the form of solid particles, about 25% to 100% by weight of which are smaller than 1 μ m. The compositions are useful in treatment or prophylaxis of cyclooxygenase-2 mediated conditions and disorders and have particular advantages where rapid onset of therapeutic effect is desired.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L9 ANSWER 11 OF 18 USPATFULL on STN

ACCESSION NUMBER: 2003:65439 USPATFULL
 TITLE: Pharmaceutical composition having reduced tendency for drug crystallization
 INVENTOR(S): Gao, Ping, Portage, MI, UNITED STATES
 Hageman, Michael J., Portage, MI, UNITED STATES
 Morozowich, Walter, Kalamazoo, MI, UNITED STATES
 Dalga, Robert J., Kalamazoo, MI, UNITED STATES
 Stefanski, Kevin J., Kalamazoo, MI, UNITED STATES
 Huang, Tiehua, Kalamazoo, MI, UNITED STATES
 Karim, Aziz, Skokie, IL, UNITED STATES
 Hassan, Fred, Peapack, NJ, UNITED STATES
 Forbes, James C., Glenview, IL, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003045563	A1	20030306
APPLICATION INFO.:	US 2002-47222	A1	20020115 (10)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2001-262555P	20010118 (60)
	US 2001-284608P	20010417 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	Pharmacia Corporation, Patent Department, 800 N. Lindbergh Boulevard-04E, St. Louis, MO, 63167	
NUMBER OF CLAIMS:	91	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	3 Drawing Page(s)	
LINE COUNT:	2463	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB An orally deliverable pharmaceutical composition is provided comprising a drug of low water solubility, a solvent liquid that comprises at least one pharmaceutically acceptable solvent, and a turbidity-decreasing polymer, wherein (a) a substantial portion, for example at least about 15% by weight, of the drug is in dissolved or solubilized form in the solvent liquid, and (b) the polymer is present in an amount sufficient to substantially inhibit crystallization and/or

precipitation of the drug in simulated gastric fluid.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L9 ANSWER 12 OF 18 USPATFULL on STN

ACCESSION NUMBER: 2002:258478 USPATFULL

TITLE: **Cyclooxygenase-2 inhibitor**

compositions having rapid onset of therapeutic effect

INVENTOR(S): Kararli, Tugrul T., Skokie, IL, UNITED STATES
Kontry, Mark J., Libertyville, IL, UNITED STATES
Desai, Subhash, Wilmette, IL, UNITED STATES
Hageman, Michael J., Portage, MI, UNITED STATES
Haskell, Royal J., Kalamazoo, MI, UNITED STATES
Hassan, Fred, Peapack, NJ, UNITED STATES
Forbes, James C., Glenview, IL, UNITED STATES

NUMBER KIND DATE

PATENT INFORMATION: US 2002142045 A1 20021003

APPLICATION INFO.: US 2002-113157 A1 20020401 (10)

RELATED APPLN. INFO.: Continuation of Ser. No. US 2001-874504, filed on 5 Jun 2001, PENDING Continuation-in-part of Ser. No. US 31898, PENDING A 371 of International Ser. No. WO 2000-US32434, filed on 6 Dec 2000, UNKNOWN

NUMBER DATE

PRIORITY INFORMATION: US 1999-169856P 19991209 (60)

DOCUMENT TYPE: Utility

FILE SEGMENT: APPLICATION

LEGAL REPRESENTATIVE: HARNESS, DICKEY, & PIERCE, P.L.C, 7700 BONHOMME, STE 400, ST. LOUIS, MO, 63105

NUMBER OF CLAIMS: 58

EXEMPLARY CLAIM: 1

NUMBER OF DRAWINGS: 4 Drawing Page(s)

LINE COUNT: 2294

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Pharmaceutical compositions are provided comprising one or more orally deliverable dose units, each comprising a selective **cyclooxygenase-2 inhibitory** drug of low water solubility in a therapeutically effective amount, wherein the drug is present in the form of solid particles, about 25% to 100% by weight of which are smaller than 1 μ m. The compositions are useful in treatment or prophylaxis of cyclooxygenase-2 mediated conditions and disorders and have **particular** advantages where rapid onset of therapeutic effect is desired.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L9 ANSWER 13 OF 18 USPATFULL on STN

ACCESSION NUMBER: 2002:149172 USPATFULL

TITLE: Selective **cyclooxygenase-2**

inhibitors and vasomodulator compounds for generalized **pain** and headache **pain**

INVENTOR(S): Hassan, Fred, Peapack, NJ, UNITED STATES
Forbes, James C., Skokie, IL, UNITED STATES

NUMBER KIND DATE

PATENT INFORMATION: US 2002077328 A1 20020620

APPLICATION INFO.: US 2001-905292 A1 20010713 (9)

NUMBER DATE

PRIORITY INFORMATION: US 2001-296196P 20010606 (60)
US 2001-284248P 20010417 (60)
US 2000-218101P 20000713 (60)
DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: SENNIGER POWERS LEAVITT AND ROEDEL, ONE METROPOLITAN
SQUARE, 16TH FLOOR, ST LOUIS, MO, 63102
NUMBER OF CLAIMS: 125
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 10 Drawing Page(s)
LINE COUNT: 4527
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A therapeutic combination useful in the treatment, amelioration,
prevention, or delay of **pain** comprising a high energy form of
a selective **cyclooxygenase-2 inhibitor**, a
vasomodulator, and a pharmaceutically acceptable excipient, carrier, or
diluent, the **cyclooxygenase-2 inhibitor**
and vasomodulator each being present in an amount effective to
contribute to the treatment, prevention, amelioration or delay of
pain.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L9 ANSWER 14 OF 18 EPFULL COPYRIGHT 2005 EPO/FIZ KA on STN

ACCESSION NUMBER: 2005:204 EPFULL
ENTRY DATE PATENT: 20050504
ENTRY DATE PUBLICATION: 20050504
UPDATE DATE PUBLICAT.: 20050817
DATA UPDATE DATE: 20050817
DATA UPDATE WEEK: 200533
TITLE (ENGLISH): Polymorphic crystalline forms of **celecoxib**
TITLE (FRENCH): Formes cristallines polymorphes du celecoxibe
TITLE (GERMAN): Polymorphische kristalline Formen von Celekoxib
INVENTOR(S): Ferro, Leonard, J., 3055 Priscilla Avenue, Highland
Park, IL 60035, US; Miyake, Patricia, J., 212 West Lake
Shore Drive, Tower Lakes, IL 60010, US
PATENT APPLICANT(S): Pharmacia Corporation, P.O. Box 5110, Chicago, IL
60680-5110, US
PATENT APPL. NUMBER: 3214540
AGENT: Beckmann, Claus, Dr., et al, Kraus & Weisert Patent-
und Rechtsanwaelte Thomas-Wimmer-Ring 15, 80539
Muenchen, DE
AGENT NUMBER: 141081
LANGUAGE OF FILING: English
LANGUAGE OF PUBL.: English
LANGUAGE OF PROCEDURE: English
LANGUAGE OF TITLE: German; English; French
DOCUMENT TYPE: Patent
PATENT INFO TYPE: EPA1 Application published with search report
PATENT INFORMATION:

	NUMBER	KIND	DATE
	EP 1528058	A1	20050504
DESIGNATED STATES:	AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT		
	SE TR		
APPLICATION INFO.:	EP 2005-2575	A	20001201
RELATED DOC. INFO.:	EP 2000-983865		20001201
	EP 1150960 Parent Application		
PRIORITY INFO.:	US 1999-169856P	P	19991209

ABEN

Pharmaceutical compositions are provided comprising one or more orally deliverable dose units, each comprising a selective **cyclooxygenase-2 inhibitory** compound of low water solubility in a therapeutically effective amount, wherein the compound is present in the form of solid particles, about 25 % to 100 % by weight of which are smaller than 1 mm. The compositions are useful in treatment or prophylaxis of cyclooxygenase-2 mediated conditions and disorders and have **particular** advantages where rapid onset of therapeutic effect is desired. The novel Form I and Form II crystalline forms of **celecoxib** are described. The crystalline forms have unique chemical and physical properties relative to other solid state forms of **celecoxib** and are characterized by their powder x-ray diffraction (PXRD) patterns, differential scanning calorimetric (DSC) thermograms, and other physical characterizations.

L9 ANSWER 15 OF 18 EPFULL COPYRIGHT 2005 EPO/FIZ KA on STN

ACCESSION NUMBER: 2004:93278 EPFULL
 ENTRY DATE PATENT: 20050427
 ENTRY DATE PUBLICATION: 20050427
 UPDATE DATE PUBLICAT.: 20050518
 DATA UPDATE DATE: 20050518
 DATA UPDATE WEEK: 200520
 TITLE (ENGLISH): Cyclooxygenase-2 inhibitor compositions having rapid onset of therapeutic effect
 TITLE (FRENCH): Compositions d'inhibiteur de cyclooxygenase-2 a delai d'action rapide
 TITLE (GERMAN): Arzneizubereitungen mit schnellem Wirkungseintritt enthaltend einen Cyclooxygenase-2-Hemmer
 INVENTOR(S): Kararli, Tugrul T., 8334 N. Kildare, Skokie, IL 60076, US; Kontny, Mark J., 2343 Huntington Lakes Drive, Libertyville, IL 60048, US; Desai, Subhash, 1011 Greenwood Avenue, Wilmette, IL, US; Hageman, Michael J., 5262 South 12th Street, Portage, MI 49024, US; Haskell, Royal J., , Kalamazoo, MI, US
 PATENT APPLICANT(S): Pharmacia Corporation, Corporate Patent Department, P.O. Box 5110, Chicago, IL 60680, US
 PATENT APPL. NUMBER: 3214541
 AGENT: Bannerman, David Gardner, et al, Withers & Rogers, Goldings House, 2 Hays Lane, London SE1 2HW, GB
 AGENT NUMBER: 28001
 LANGUAGE OF FILING: English
 LANGUAGE OF PUBL.: English
 LANGUAGE OF PROCEDURE: English
 LANGUAGE OF TITLE: German; English; French
 DOCUMENT TYPE: Patent
 PATENT INFO TYPE: EPA1 Application published with search report
 PATENT INFORMATION:

	NUMBER	KIND	DATE
DESIGNATED STATES:	EP 1525883	A1	20050427
	AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR		
APPLICATION INFO.:	EP 2004-27798	A	20001206
RELATED DOC. INFO.:	EP 2000-980850		20001206
	EP 1175214 Parent Application		
PRIORITY INFO.:	US 1999-169856P	P	19991208

ABEN

Pharmaceutical compositions are provided comprising one or more orally deliverable dose units, each comprising a selective **cyclooxygenase-2 inhibitory** drug of low water solubility in a therapeutically effective amount, wherein the drug is present

in the form of solid particles, about 25% to 100% by weight of which are smaller than 1 µm. The compositions are useful in treatment or prophylaxis of cyclooxygenase-2 mediated conditions and disorders and have **particular** advantages where rapid onset of therapeutic effect is desired.

L9 ANSWER 16 OF 18 EPFULL COPYRIGHT 2005 EPO/FIZ KA on STN

ACCESSION NUMBER: 2000:116378 EPFULL
ENTRY DATE PUBLICATION: 20050209
UPDATE DATE PUBLICAT.: 20050406
DATA UPDATE DATE: 20050406
DATA UPDATE WEEK: 200514
TITLE (ENGLISH): POLYMORPHIC CRYSTALLINE FORMS OF **CELECOXIB**
TITLE (FRENCH): FORMES POLYMORPHES CRISTALLINES DU CELECOXIBE
TITLE (GERMAN): POLYMORPHISCHE KRISTALLINE FORMEN VON CELEKOXIB
INVENTOR(S): FERRO, Leonard, J., 3055 Priscilla Avenue, Highland Park, IL 60035, US; MIYAKE, Patricia, J., 212 West Lake Shore Drive, Tower Lakes, IL 60010, US
PATENT APPLICANT(S): Pharmacia Corporation, P.O. Box 5110, Chicago, IL 60680-5110, US
PATENT APPL. NUMBER: 3214540
AGENT: Albrecht, Thomas, Dr., et al, Kraus & Weisert, Thomas-Wimmer-Ring 15, 80539 Muenchen, DE
AGENT NUMBER: 83202
LANGUAGE OF FILING: English
LANGUAGE OF PUBL.: English
LANGUAGE OF PROCEDURE: English
LANGUAGE OF TITLE: German; English; French
DOCUMENT TYPE: Patent
PATENT INFO TYPE: EPB1 Granted patent
PATENT INFORMATION:

NUMBER	KIND	DATE
NUMBER	KIND	DATE

EP 1150960	B1	20050209
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WO 2001042222		20010614
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DESIGNATED STATES: AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

APPLICATION INFO.: EP 2000-983865 A 20001201
WO 2000-US32760 A 20001201

RELATED DOC. INFO.: EP 2005-2575 20050208
Divisional Application

PRIORITY INFO.: US 1999-169856P P 19991209

CITED PATENT LIT.: WO 2000042021 A
WO 2000066562 A
WO 9515316 A

L9 ANSWER 17 OF 18 EPFULL COPYRIGHT 2005 EPO/FIZ KA on STN

ACCESSION NUMBER: 2000:115946 EPFULL
UPDATE DATE PUBLICAT.: 20050113
DATA UPDATE DATE: 20050112
DATA UPDATE WEEK: 200502
TITLE (ENGLISH): **CYCLOOXYGENASE-2 INHIBITOR**
COMPOSITIONS HAVING RAPID ONSET OF THERAPEUTIC EFFECT
TITLE (FRENCH): COMPOSITIONS D'INHIBITEUR DE CYCLOOXYGENASE-2
PRODUISANT RAPIDEMENT UN EFFET THERAPEUTIQUE
TITLE (GERMAN): CYCLOOXYGENASE-2 HEMMER ENTHALTENDE ZUSAMMENSETZUNGEN
MIT SCHNELLEM WIRKUNGSEINTRITT
INVENTOR(S): KARARLI, Tugrul, T., 8334 N. Kildare, Skokie, IL 60076,

US; KONTNY, Mark, J., 2343 Huntington Lakes Drive,
 Libertyville, IL 60048, US; DESAI, Subhash, 1011
 Greenwood Avenue, Wilmette, IL, US; HAGEMAN, Michael,
 J., 5262 South 12th Street, Portage, MI 49024, US;
 HASKELL, Royal, J., , Kalamazoo, MI, US
 PATENT APPLICANT(S): Pharmacia Corporation, Corporate Patent Department,
 P.O. Box 5110, Chicago, IL 60680, US
 PATENT APPL. NUMBER: 3214541
 AGENT: Bannerman, David Gardner, et al, Withers & Rogers,
 Goldings House 2 Hays Lane, London SE1 2HW, GB
 AGENT NUMBER: 28008
 LANGUAGE OF FILING: English
 LANGUAGE OF PUBL.: English
 LANGUAGE OF PROCEDURE: English
 LANGUAGE OF TITLE: German; English; French
 DOCUMENT TYPE: Patent
 PATENT INFO TYPE: EPB1 Granted patent
 PATENT INFORMATION:
 PATENT INFORMATION:

	NUMBER	KIND	DATE
	NUMBER	KIND	DATE
	EP 1175214	B1	20041124
	WO 2001041760		20010614
DESIGNATED STATES:	AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT		
	SE TR		
APPLICATION INFO.:	EP 2000-980850	A	20001206
	WO 2000-US32434	A	20001206
RELATED DOC. INFO.:	EP 2004-27798		20041123
	Divisional Application		
PRIORITY INFO.:	US 1999-169856P	P	19991208
CITED PATENT LIT.:	EP 863134	A	
	WO 2000032189	A	
	WO 2000053149	A	
	WO 9625405	A	
	US 5518738	A	
	US 5552160	A	
	US 5756529	A	

L9 ANSWER 18 OF 18 EPFULL COPYRIGHT 2005 EPO/FIZ KA on STN

ACCESSION NUMBER: 1999:98380 EPFULL
 DATA UPDATE DATE: 20040225
 DATA UPDATE WEEK: 200409
 TITLE (ENGLISH): **CELECOXIB COMPOSITIONS**
 TITLE (FRENCH): COMPOSITIONS A BASE DE **CELECOXIB**
 TITLE (GERMAN): **Celecoxib-Zusammensetzungen**
 INVENTOR(S): GAO, Danchen, 1446 S. Prairie Avenue, Chicago, IL
 60605, US; HLINAK, Anthony, J., 1803 Longmeadow Drive,
 Lindenhurst, IL 60046, US; MAZHARY, Ahmad, M., 1461
 Lancaster Lane, Algonquin, IL 60102, US; TRUELOVE,
 James, E., 1006 Regency Lane, Libertyville, IL 60048,
 US; VAUGHN, Margaret, B., Woodhull, 764 Rosewood,
 Winnetka, IL 60093, US
 PATENT APPLICANT(S): G.D. Searle & Co., (Searle & Co., G.D.), 5200 Old
 Orchard Road, Skokie, Illinois 60077, US
 PATENT APPL. NUMBER: 892563
 AGENT: Albrecht, Thomas, Dr., et al, Kraus & Weisert Patent-
 und Rechtsanwaelte Thomas-Wimmer-Ring 15, 80539
 Muenchen, DE
 AGENT NUMBER: 83201
 LANGUAGE OF FILING: English

LANGUAGE OF PUBL.: English
LANGUAGE OF PROCEDURE: English
LANGUAGE OF TITLE: German; English; French
DOCUMENT TYPE: Patent
PATENT INFO TYPE: EPB1 Granted patent
PATENT INFORMATION:
PATENT INFORMATION:

NUMBER	KIND	DATE
NUMBER	KIND	DATE

EP 1049467	B1	20021009
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DESIGNATED STATES:

WO 2000032189	20000608
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT	
SE	

APPLICATION INFO.:

EP 1999-961890	A	19991130
WO 1999-US28411	A	19991130
US 1998-110333P	P	19981130

PRIORITY INFO.:

CITED PATENT LIT.:

EP 863134	A1
WO 9744028	A
WO 9909988	A
US 5466823	A
US 5633272	A
US 5756529	A
US 5760068	A